

FIG ,

FIG.2

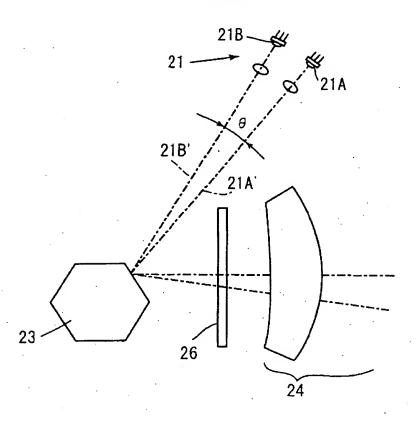


FIG.3

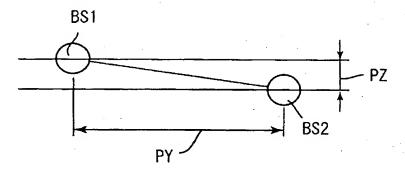
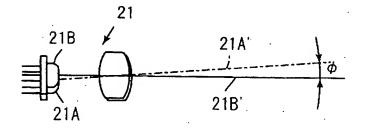
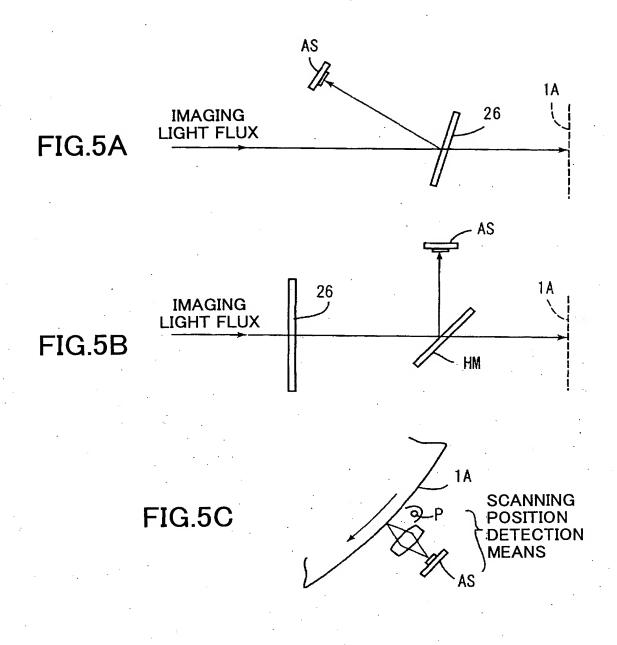


FIG.4





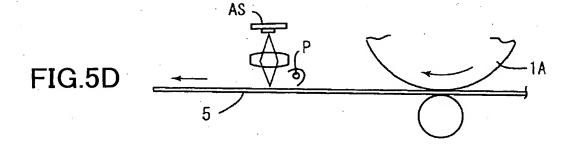


FIG.6 102B1 103 106 100 105 106 101 102A1 102C 105 106 102B1 106 103 $102 \begin{cases} 102B \\ 102A \end{cases}$ 102C 104

FIG.7

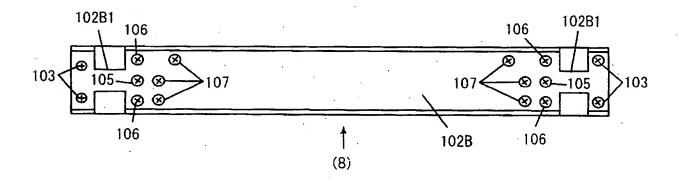


FIG.8

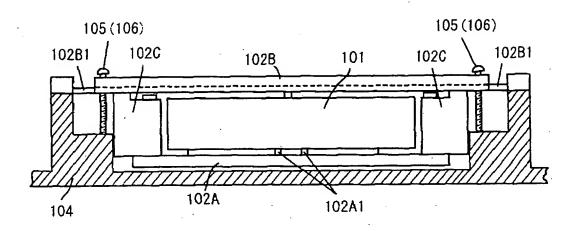
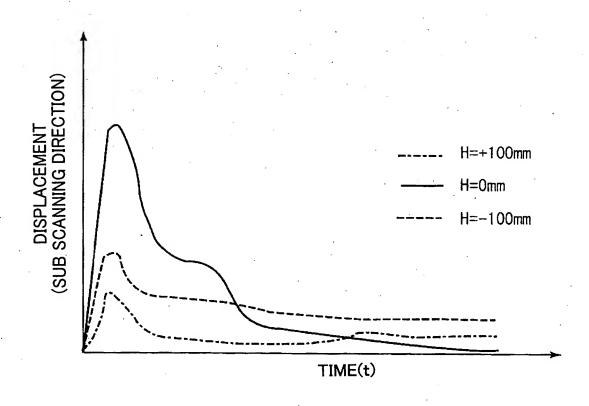
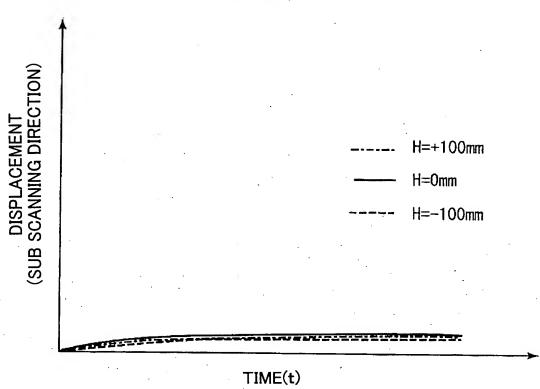


FIG.9



OBLON, SPIVAK, ET AL DOCKET #: 243055US2 INV: Nobuaki KUBO SHEET <u>6</u> OF <u>32</u>







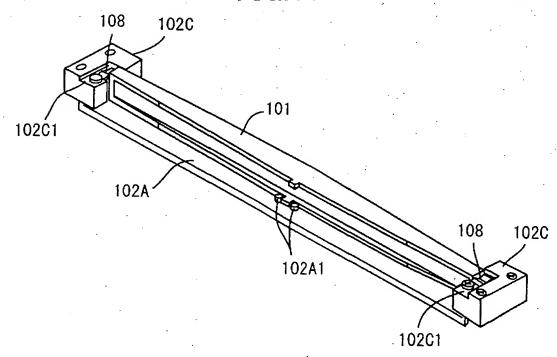


FIG.12

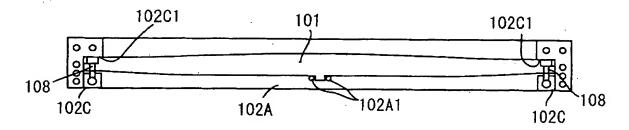


FIG.13A

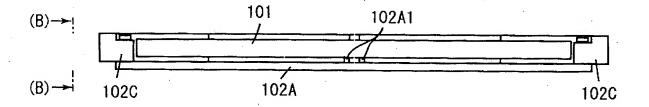


FIG.13B

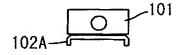


FIG.14

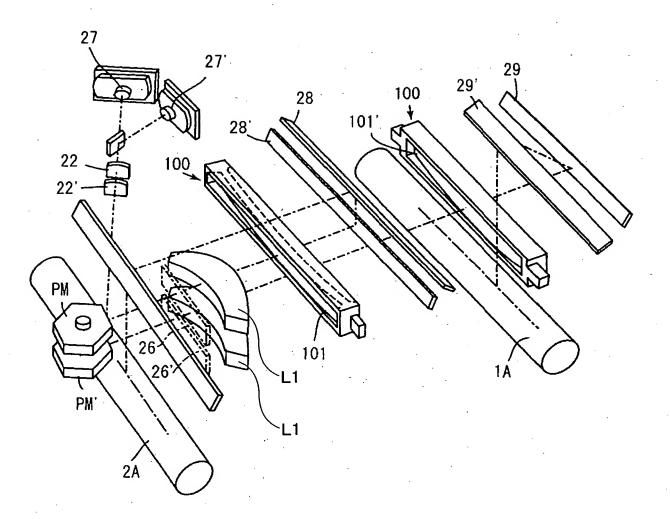
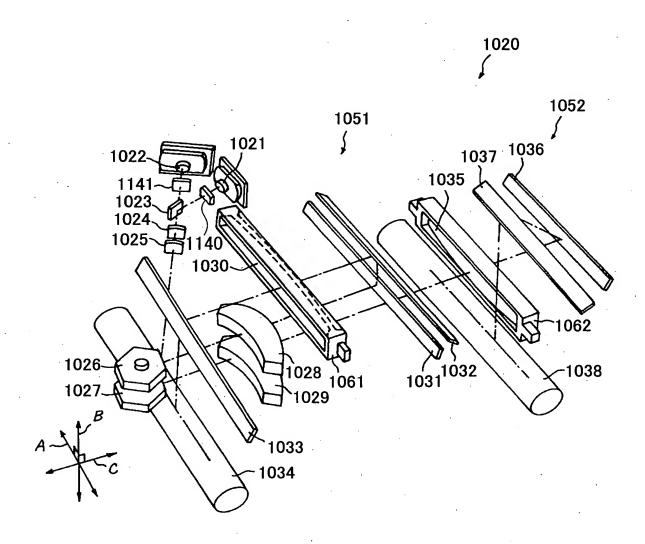


FIG.15



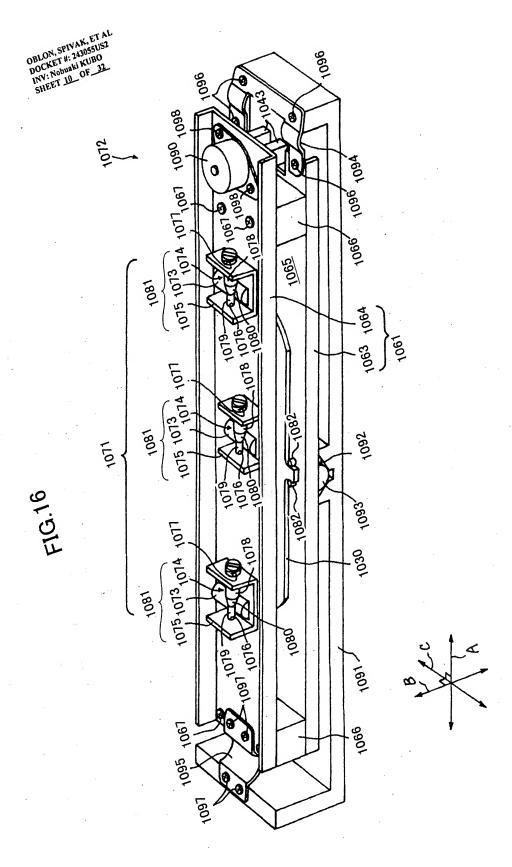


FIG.17

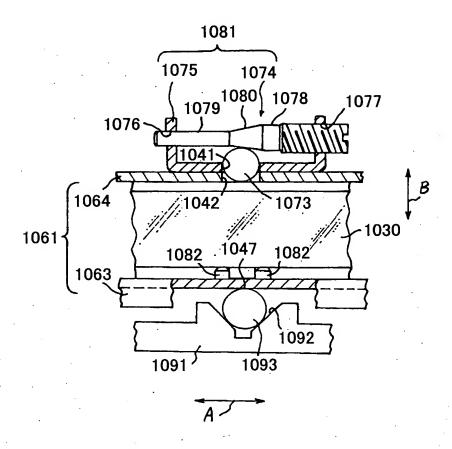


FIG.18

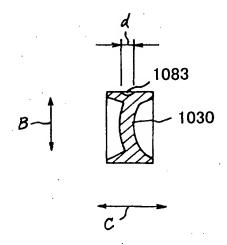


FIG.19

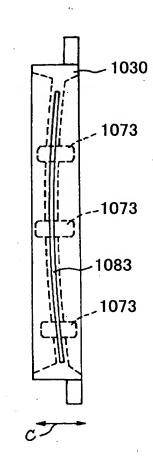


FIG.20

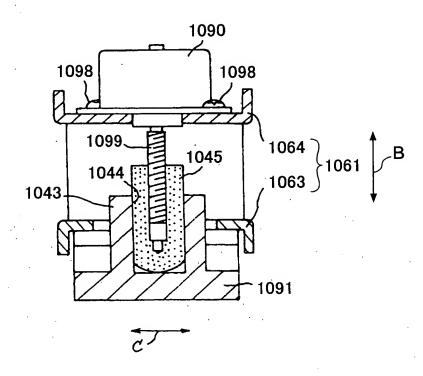


FIG.21

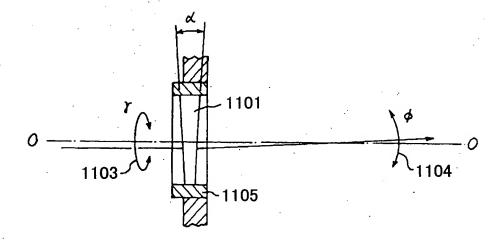
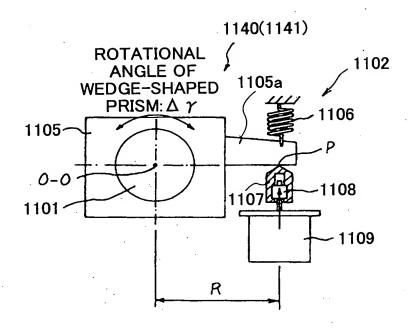


FIG.22



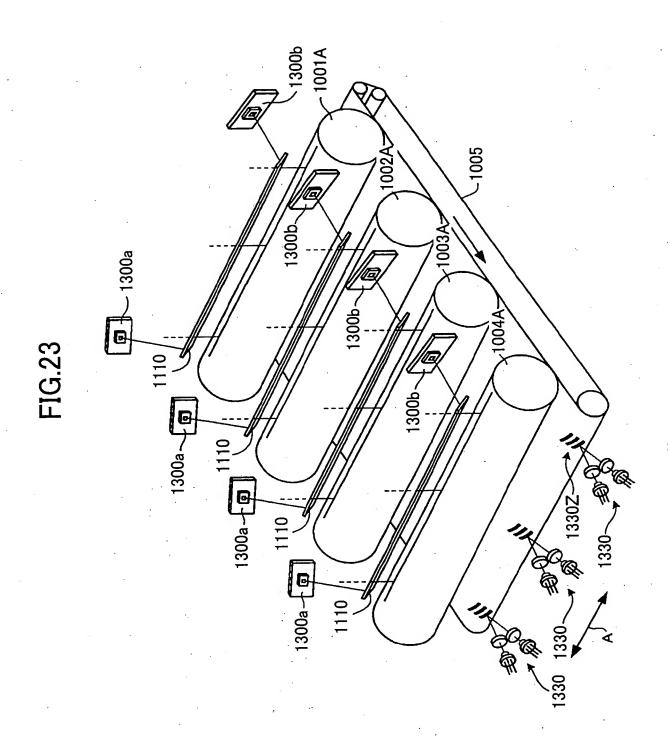


FIG.24

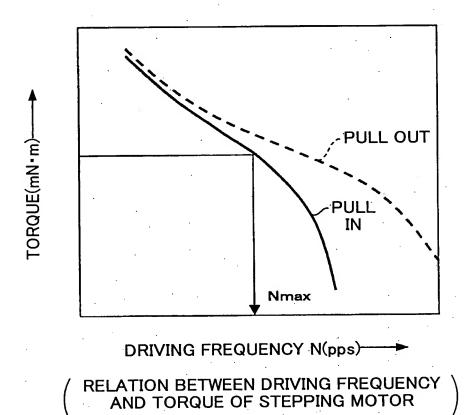
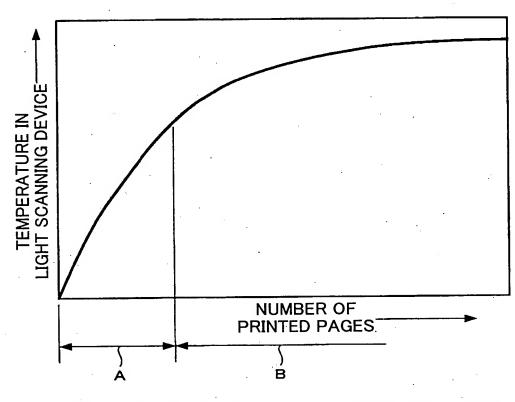
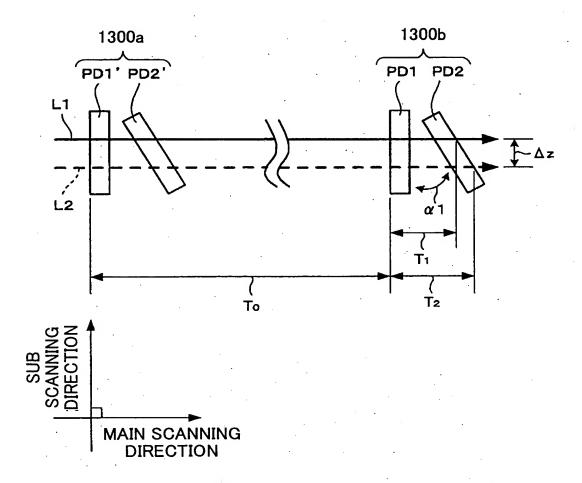


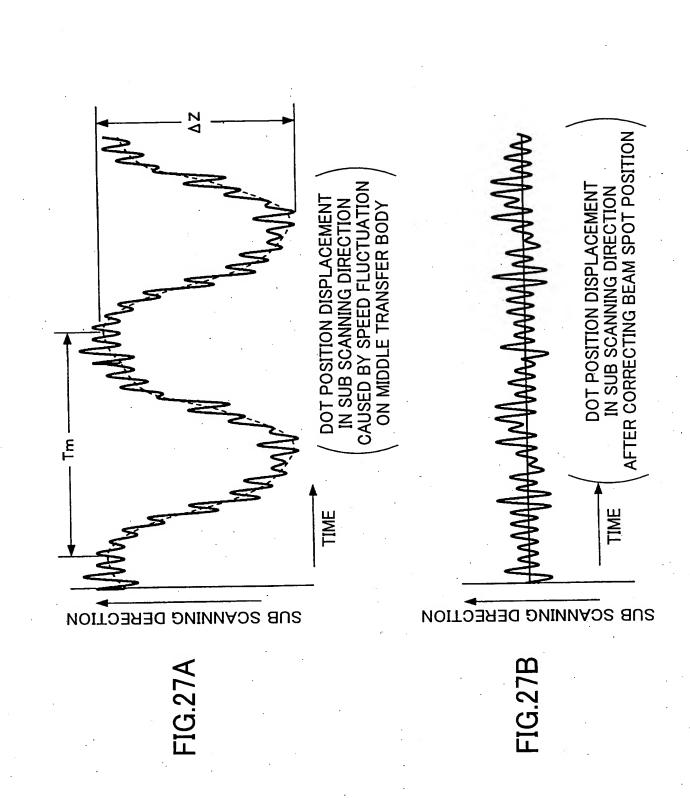
FIG.25



TEMPERATURE CHANGE IN LIGHT SCANNING DEVICE AT THE TIME OF SUCCESSIVE PRINTING

FIG.26





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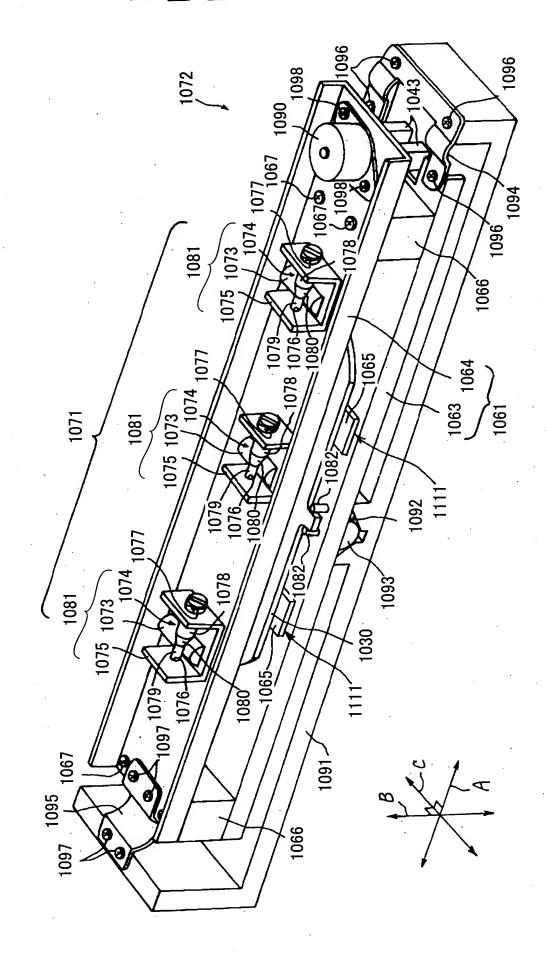


FIG.28

FIG.29

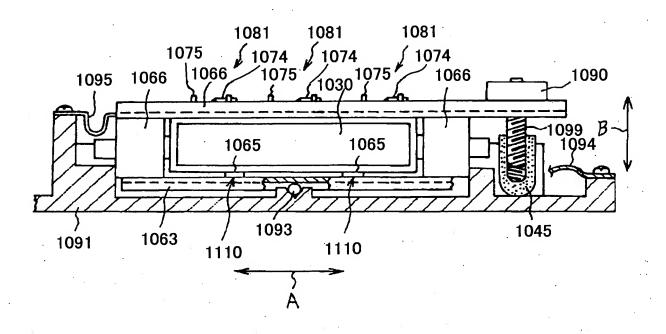
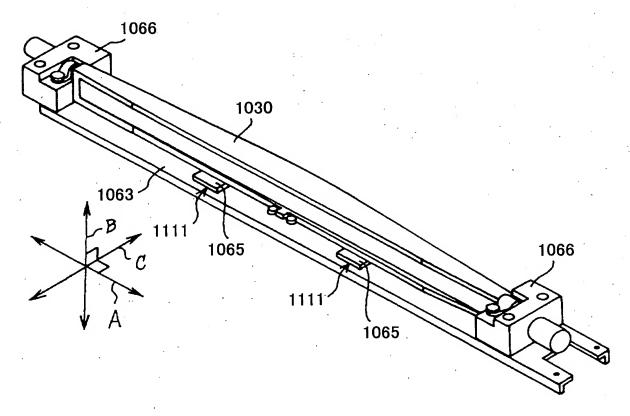


FIG.30



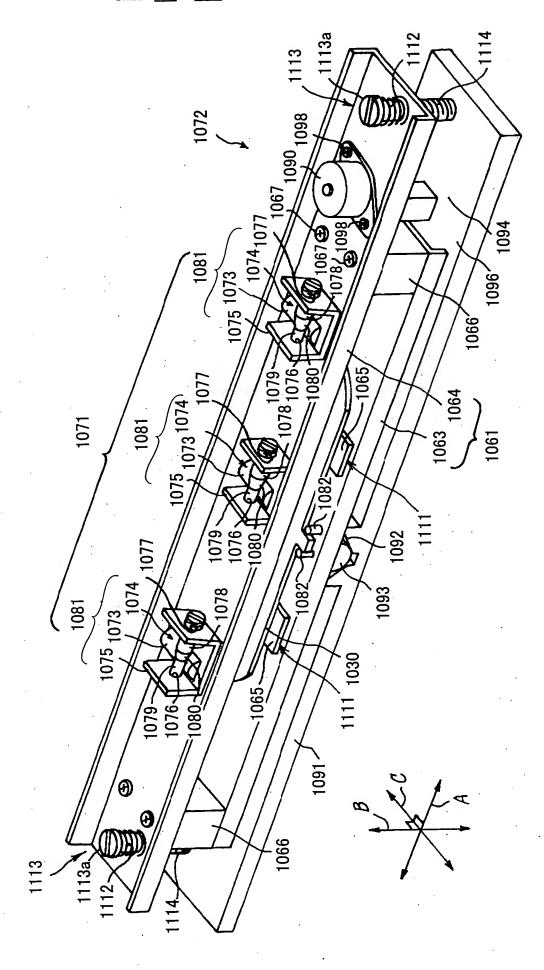


FIG.31



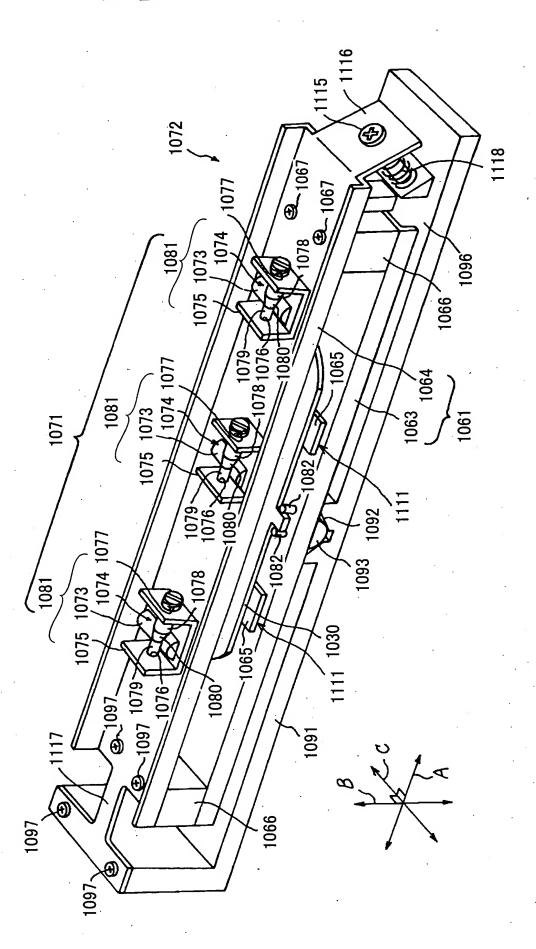


FIG.34

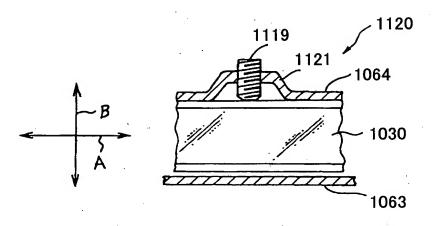


FIG.35A

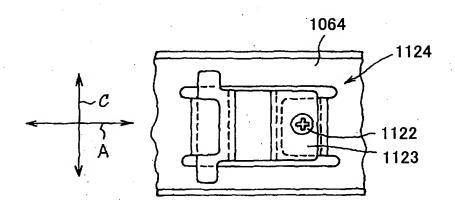


FIG.35B

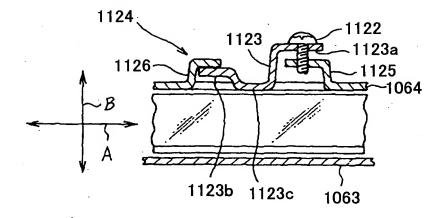


FIG.36

O——O ADJUSTMENT IS NOT PERFORMED

△——— ONE POSITION IS ADJUSTED

X-----X THREE POSITIONS ARE ADJUSTED

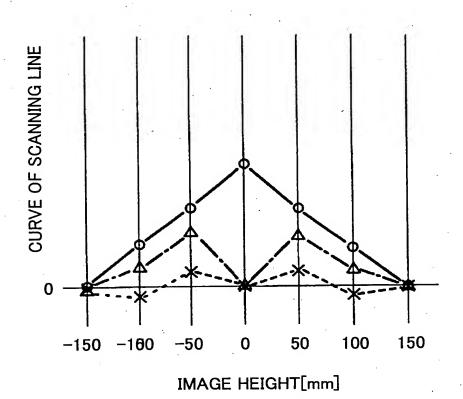
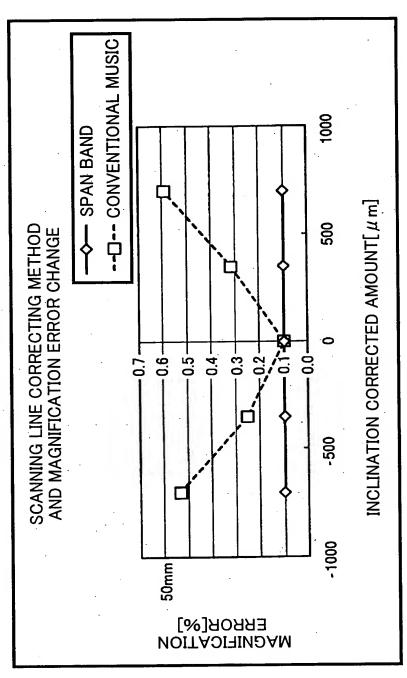


FIG.37

SCANNING LINE INCLINATION CORRECTING METHOD AND MAGNIFICATION ERROR (SIMULATION RESULT)



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50mm MAGNIFICATION ERROR CHANGE IN SAPAN BAND METHOD[%]

		/WI	IMAGE HEIGHT[mm]	3HT[mm]			λd
INCLINATION[µ m]	-125	-75	-25	25	75	125	-
004-	0.0277	0.0277 0.0453 -0.0173 -0.0496 -0.0045 -0.0017	-0.0173	-0.0496	-0.0045	-0.0017	0.095
-350	0.0281	0.0457	-0.0169 -0.0492	-0.0492	-0.0043	-0.0043 -0.0016	0.095
0	0 0.0283	0.0459	-0.0167 -0.0491 -0.0043 -0.0016	-0.0491	-0.0043	-0.0016	0.095
350	0.0283		0.0459 -0.0168 -0.0493 -0.0044 -0.0018	-0.0493	-0.0044	-0.0018	0.095
700	0.0282	0.0457	-0.0172 -0.0497 -0.0048 -0.0022	-0.0497	-0.0048	-0.0022	0.095

50mm MAGNIFICATION ERROR CHANGE IN CONVENTIONAL MUSIC METHOD[%]

ΡV		0.525	0.248	0.095	0.308	0.585
IMAGE HEIGHT[mm]	125	0.2801	0.1391	-0.0016	-0.142	-0.282
	. 75	0.1831	0.0894	-0.0043 -0.0016	-0.0978	-0.1912
	25	0.0185	-0.0153	-0.0491	-0.0829	0.2294 0.0478 -0.1167 -0.1912 -0.282
	-25	-0.245 -0.1371 -0.0812 0.0185 0.1831	-0.0457 -0.0489 -0.0153	-0.0167 -0.0491	0.1376 0.0156 -0.0829 -0.0978 -0.142	0.0478
	-75	-0.1371	-0.0457	0.0459	l l	1
	-125	i .	-0.1086	0.0283	0.1655	0,303
	INCLINATION[µ m]	-700	-350	0	350	002

FIG.38E

FIG.39

SCANNING LINE INCLINATION CORRECTING METHOD AND BEAM SPOT DIAMETER(SIMULATION RESULT)

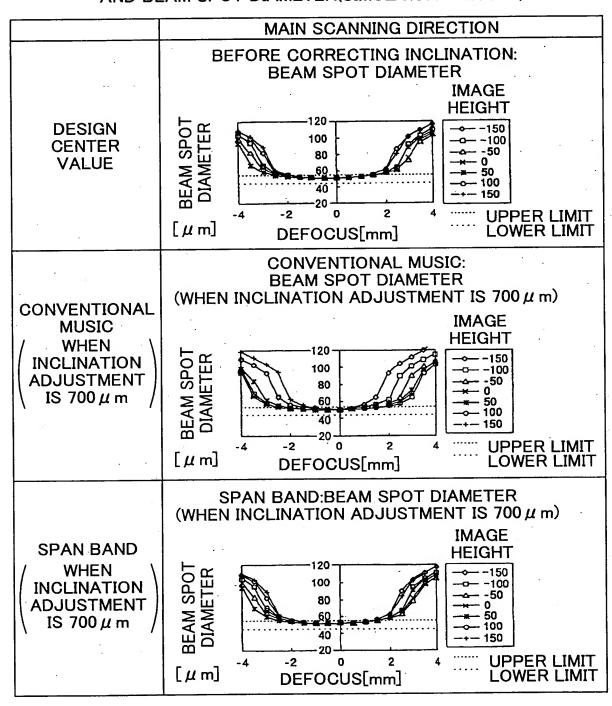


FIG.40

SCANNING LINE INCLINATION CORRECTING METHOD AND BEAM SPOT DIAMETER(SIMULATION RESULT)

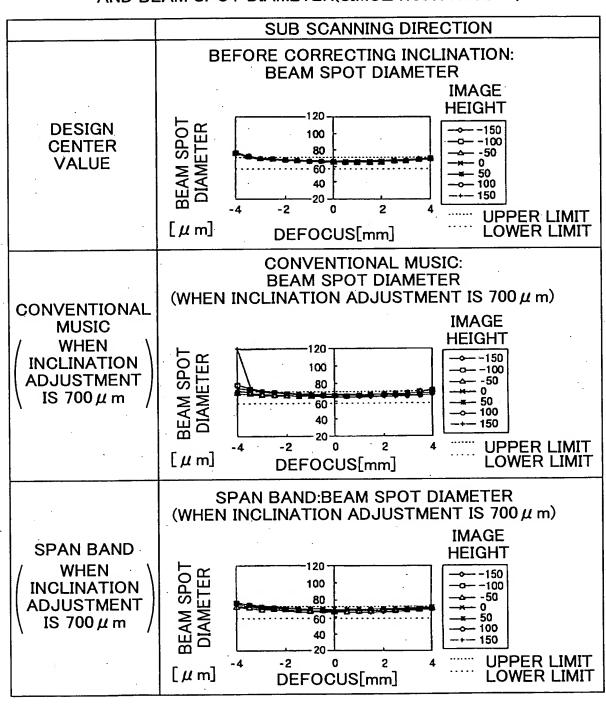


FIG.41

